

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041188.D
 Acq On : 10 Nov 2020 19:33
 Operator : SY/MD
 Sample : L4646-16DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W0DL

Quant Time: Nov 11 03:43:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57737	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14650	3.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.80%
7) Chloroethane-d5	1.92	69	15614	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	22758	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	4.65	46	78601	54.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.88%
24) Chloroform-d	5.08	84	38986	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	24095	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.75	84	62735	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.70	67	22297	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	50769	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	8.19	79	8515	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.64	63	56404	48.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22233	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	22359	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

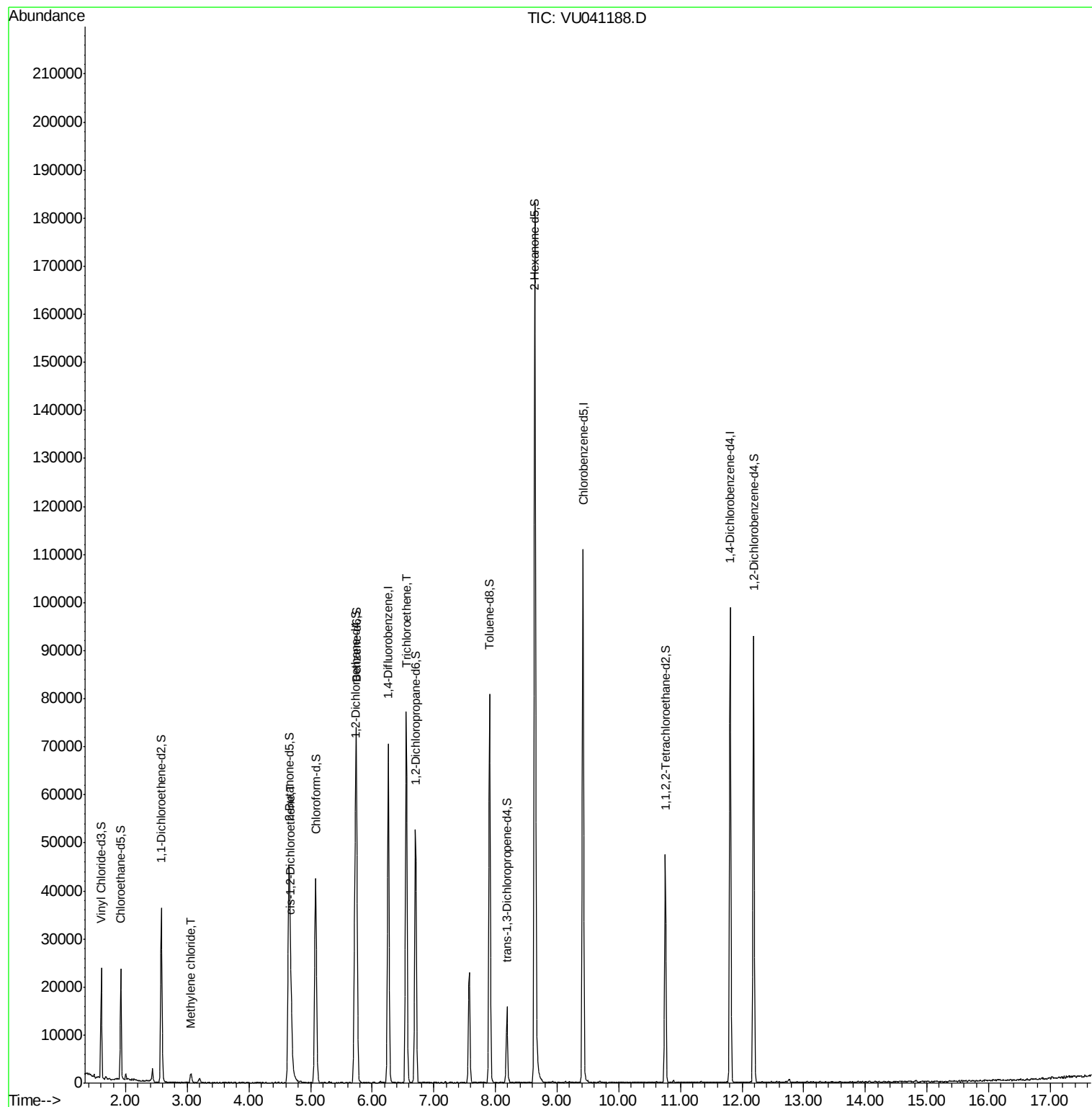
Target Compounds					Ovalue
16) Methylene chloride	3.06	84	932	0.217 ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	2380	0.616 ug/L	91
34) Trichloroethene	6.55	95	25818	5.881 ug/L	97

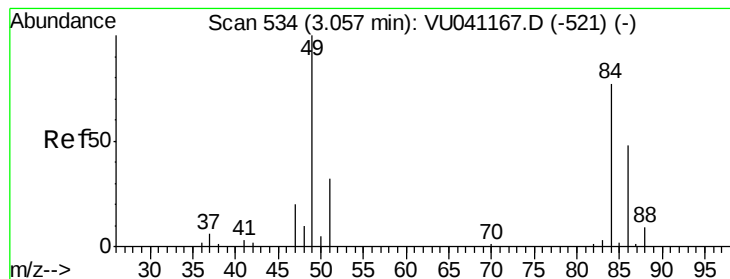
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.217 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041188.D

Acq: 10 Nov 2020 19:33

Instrument :

MSVOA_U

ClientSampled :

GB0W0DL

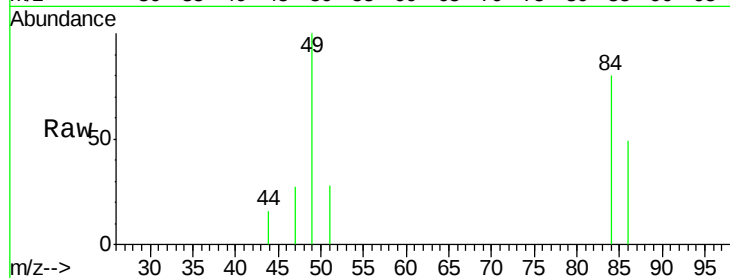
Tot Ion: 84 Resp: 932

Ion Ratio Lower Upper

84 100

86 60.4 42.8 79.6

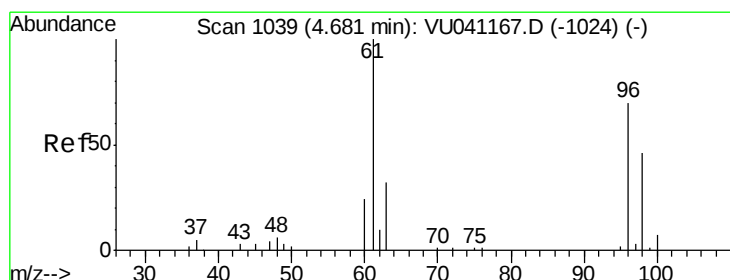
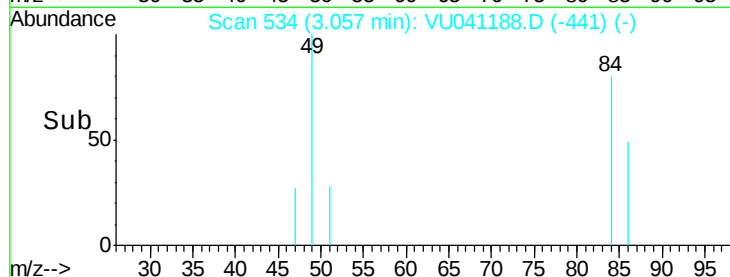
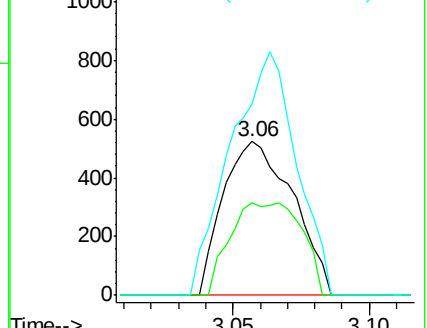
49 124.5 99.5 184.7



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.616 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU041188.D

Acq: 10 Nov 2020 19:33

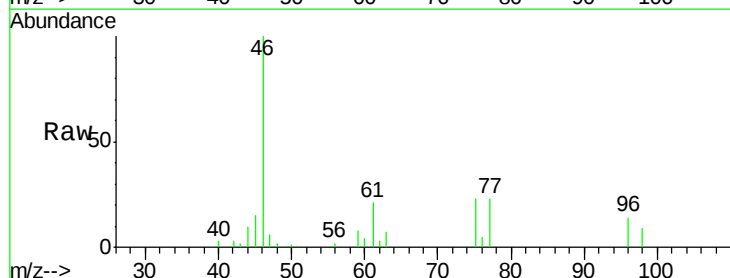
Tgt Ion: 96 Resp: 2380

Ion Ratio Lower Upper

96 100

61 149.1 97.2 180.4

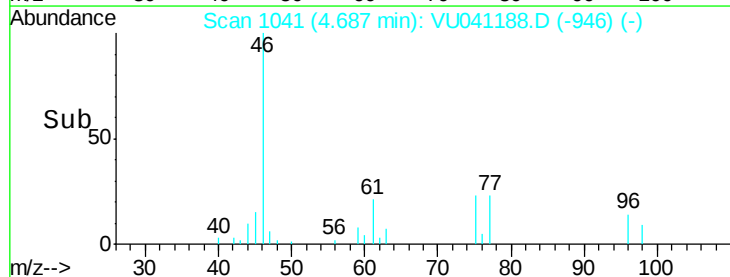
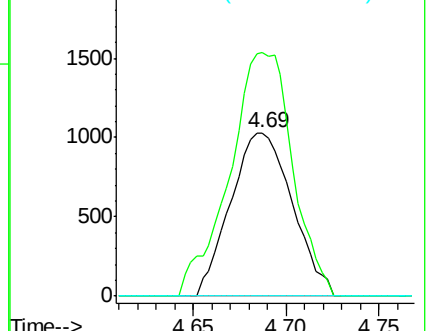
68 0.0 0.0 0.0

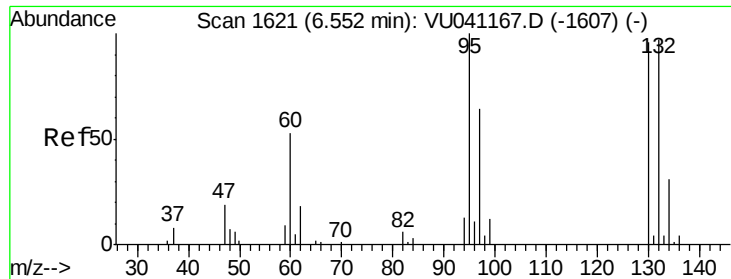


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

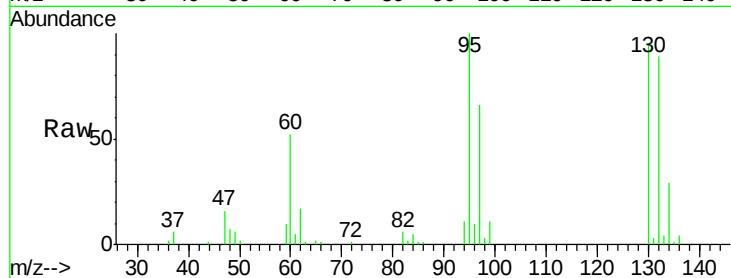




#34
 Trichloroethene
 Concen: 5.881 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041188.D
 Acq: 10 Nov 2020 19:33

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W0DL

Tot Ion:	95	Resp:	25818
Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.6	84.6
132	88.9	64.8	120.4
130	95.1	64.8	120.4



Abundance Ion 95.00 (94.70 to 95.70): VU041188.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU041188.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU041188.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU041188.D (-1528) (-)

